

GRUNDIG

Ocean Boy 340

Your Ocean Boy 340 at a Glance

① DC Socket (DC 6.0 V =)

- For connecting a commercial plug-in mains unit with coaxial plug (outside diameter 5.5 mm, inside diameter 2.1 mm; output voltage 6.0 V =; mains voltage 230 V ~, 50/60 Hz).

② Headphone Socket (Ω)

- For headphones with 3.5 mm jack plug.
When connecting a headphone to this socket, the built-in loudspeaker is automatically switched off. You should **not**, of course, plug in the headphone if you wish to be woken up by the unit.

③ Tone Switch

- 🎵 = music reproduction
- 🗣️ = speech reproduction

④ Volume (▲)

⑤ Telescopic Aerial

⑥ Display

- For clock time and alarm time,
- waveband (FM, MW, LW, SW),
- frequency (on **FM** and **SW** in **MHz**, on **MW** and **LW** in **kHz**).
- station memory (ch) and memory position number.

⑦ UP/MINUTE Button

- For station search in the direction of **higher** frequencies.
- For setting the **minutes** (clock time and alarm time).

⑧ Sensitivity Switch (SENS LOC/DX)

LOC = nearby stations

DX = remote stations = normal setting

⑨ DOWN/HOUR Button

- For station search in the direction of **lower** frequencies
- For setting the **hours** (clock time and alarm time).

⑩ Display Illumination (LIGHT)

⑪ DISPLAY Button

- With the unit **switched off**, for switching between clock time and alarm time.
- With the unit **switched on**, for switching between frequency and clock time.

⑫ Waveband Switch

FM (VHF) = VHF waveband

MW = Mediumwave

LW = Longwave

SW = Shortwave

⑬ "Sleep" Button (SLEEP)

- Switches the unit on for 59 minutes.

⑭ TIME Button

- To set the clock or alarm time, press this button and hold it pressed.

⑮ ON TIME/STAND BY Button

- Preselection button for setting and activating the alarm time.
- For switching off the alarm function.

⑯ Locking Switch (on bottom of unit)

In the  (ON) position, all the buttons on the front of the unit are "locked" with the unit switched on.

Thus accidental resetting will be prevented.

- ⑰ **Preselection Button (MEMO)**
 - For preselection when programming fixed stations.
- ⑱ **ON/OFF Switch**
- ⑲ **Fixed Station Buttons 1 – 5**
 - For storing and calling up the station memories.
- ⑳ **Battery Compartment** (on the back of the unit)

Power Supply

Battery Operation

1. Clock operation

- Open the lid of the battery compartment ⑳.
- Insert two MN 2400 (IEC LR3) alkaline manganese batteries in the polarity indicated.
- These batteries should always be fitted. They serve as standby batteries for the clock and the station memory.

2. Radio operation

- Insert four HP 7 (IEC LR6) alkaline manganese batteries in the polarity indicated.
- Close the battery compartment lid.

Important

- Exhausted batteries should be removed from the set immediately.
- If the set is not in use for long periods, the batteries should be removed from the set even if they are **new**.
- No responsibility can be accepted for damage due to leaking batteries.

Note on Environmental Protection

Do not throw exhausted batteries in the household refuse. Hand over the old batteries to your dealer or public collecting points when buying new ones.

Mains Operation

- Connect the (6.0 V =) plug-in mains unit to socket ①.
- This will switch off the batteries in the battery compartment ⑳.

Setting the Clock Time

As soon as the two standby batteries (MN 2400 batteries) are inserted, the indication "**SEC**" flashes in the display and the clock begins to run.

The clock time can be set with the unit switched on or off.

For setting:

- Press the **TIME** button and hold it pressed.
 - The display shows "**ADJ**".
- Now set the correct time with the **DOWN/HOUR** (hours) button and with the **UP/MINUTE** (minutes) button.
- A single press of the respective button advances the setting by one hour or one minute respectively; if button is held pressed, setting advances rapidly.

The minutes will not be carried over to the hours if, for example, the minutes indication changes from 59 to 00.

Radio Operation

- Switch on and off with the **ON/OFF** switch ⑮.
- The locking switch ⑮ must be set to **OFF**.

Aerials

- The **telescopic aerial** ⑤ is intended for receiving **FM** (VHF) and **SW** (shortwave) stations.
- For **FM** reception the aerial should be fully extended, then swivelled and rotated until best results are achieved.
- For **SW** reception the telescopic aerial should be vertical.
- For receiving **MW** and **LW** stations there is a **ferrite rod aerial** inside the set.
- The best position for receiving a station should be found by rotating the set about its vertical axis.

Wavebands

- Select the waveband with the switch ⑫.
The waveband selected is shown in display ⑥. On **FM** (VHF) and **SW** (shortwave) the frequency is shown in **MHz**, and on **MW** (mediumwave) and **LW** (longwave) in **kHz**.

FM 87.5 – 108 MHz

MW 531 – 1602 kHz

LW 153 – 281 kHz

SW 5.9 – 15.5 MHz (49 – 19 m)

Intermediate frequencies: FM 10.7 MHz, AM 450 kHz.

Tuning to Stations

- Select the **waveband** with the switch ⑫.
- Start the station search with the **UP/MINUTE** button ⑦ (in the direction of **higher** frequencies) or with the **DOWN/HOUR** button ⑨ (in the direction of **lower** frequencies):
 - Pressing briefly = tuning in steps,
 - pressing longer = tuning automatically.The tuning steps are **50 kHz** in the case of FM, **9 kHz** in the case of MW, **1 kHz** in the case of LW and **5 kHz** in the case of SW.
- As a result of poor reception conditions during automatic station search it may happen that the station received is not optimally tuned in. In such instances briefly press the **UP/MINUTE** ⑦ or **DOWN/HOUR** button ⑨ once or twice until the station is correctly tuned in.

Note

When the battery voltage decreases, the automatic station search may function incorrectly. In this case, change the batteries.

Sensitivity Switch (SENS LOC/DX) ⑧

- Normally this switch should be set to the **DX** position = remote stations.
- If the signal received is too strong, set the switch to **LOC** = nearby stations.

The switch functions only on **FM** and **SW** reception.

Programming Fixed Stations

You can store a total of 20 stations (frequencies) (5 x FM, 5 x MW, 5 x LW and 5 x SW).

- Select to the **waveband** with the switch ⑫.
- Tune the required station as described.
- Press the **MEMO** button ⑰.
"ch" flashes in the display ⑥ for several seconds.
- While "ch" is flashing, press the fixed station button 1 – 5 to which the station is to be allocated.
The station is now stored in the memory; it replaces any station previously allocated to the button in the same waveband. The frequency and the station number are shown in the display ⑥.
- In the same way, further stations can be allocated to the other fixed station buttons.
- Storing is possible as long as "ch" is flashing in the display ⑥, otherwise the **MEMO** button ⑰ must be pressed again.

Selecting Programmed Stations

- Select the required **waveband** with the switch ⑫.
- Press one of the fixed station buttons 1 – 5.
- The display shows the waveband, the frequency, the number of the preset station button 1 – 5 and you hear the programmed station.

Volume

- Adjust the volume with the control ► ④.

Tone

- Can be adjusted with tone switch ③ as required.
🎵 = music reproduction.
🗣️ = speech reproduction.

Last Station Memory Function

The frequency of the last station tuned to before switching off the set will be stored in the memory.

When the is switched on again it will receive this station in the respective waveband.

When changing the waveband, the last station tuned to in each waveband will also be stored in the memory.

Setting the Alarm Time

- Press the **ON TIME/STAND BY** button ⑱.
 - The display ⑥ shows for several seconds "**STAND BY/ON TIME**" and an alarm time, if already set.
- During this time, press the **TIME** button and hold it pressed.
 - The display shows »**ADJ**«.
- Now set the required alarm time with the **DOWN/HOUR** (hours) button and with the **UP/MINUTE** (minutes) button.
- A single press of the respective button advances the setting by one hour or one minute respectively; if button is held pressed, setting advances rapidly.
The minutes will not be carried over to the hours if, for example, the minutes indication changes from 59 to 00.

Setting the Alarm Function

- For this, tune to a station which will be broadcasting at the alarm time.
- Adjust the volume to the required level.
- It is also possible to be woken by a programmed fixed station.
- For this purpose, press one of the fixed station buttons **1 – 5** while the **"STAND BY/ON TIME"** is shown in the display.
- Set the alarm time as already described.
- At the time for which the alarm is set the radio comes for 120 minutes.

Switching Off the Alarm Function

- Press the **ON TIME/STAND BY** button (15) during the alarm function.
 - The set switches off and the indication **"STAND BY"** goes out.
- If you wish to activate the alarm to operate the next day, press the **ON TIME/STAND BY** button (15) again.

Going to Sleep to Radio

- Select the required station as already described.
- Switch off the set.
- Press the **SLEEP** button (13).
 - The set will come on for 59 minutes and the display will show **"SLEEP"**.

- When the "sleep" time has elapsed, the set switches off and **"SLEEP"** goes out.
- To switch off sooner, press the **SLEEP** button (13) again; **"SLEEP"** goes out.

Specification

Voltage Supply:

From batteries: 4 of HP 7 (IEC LR6) batteries
for radio operation.
2 of MN 2400 (IEC LR3) batteries
for clock and station memory.

From external supply: 6 V DC plug-in mains unit.

Output Power (to DIN 45324): 400 mW sine power.

Headphone Jack Socket: 3.5 mm diameter.

Direct Current Voltage Socket: 5.5 mm diameter.

Wavebands:

FM 87.5 – 108 MHz
MW 531 – 1602 kHz
LW 153 – 281 kHz
SW 5.9 – 15.5 MHz (49 – 19 m)

Intermediate Frequencies: 10.7 MHz and 450 kHz.

Aerials: Telescopic aerial for FM (VHF) and SW (short-wave) reception,
built-in ferrite rod aerial for MW (mediumwave)
and LW (longwave).

Subject to technical alterations and alterations in styling
E. & O.E.